

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A codec circuit having a programmable digital bandpass filter, for matching the filter characteristics of the codec circuit to a transmitted PCM signal, having at least one programmable digital high-pass filter and at least one programmable digital low-pass filter connected in series, ~~with it, in which case the~~ wherein setting filter coefficients for the programmable digital high-pass and low-pass filters can each be set, by means of a signal identification device for identification of a PCM signal transmitted through the codec circuit, as a function of the transmitted PCM signal in order to vary a bandpass filter characteristic for the programmable digital bandpass filter.
2. (Currently Amended) The codec circuit as claimed in claim 1, wherein the setting filter coefficients ~~can be~~ are stored in coefficient memory devices which are associated with the programmable digital high-pass and low-pass filters.
3. (Previously Presented) The codec circuit as claimed in claim 2, wherein the memory devices are random access memories (RAM).
4. (Previously Presented) The codec circuit as claimed in claim 2, wherein the memory devices are connected via coefficient setting lines to the signal identification device.

5. (Previously Presented) The codec circuit as claimed in claim 1, wherein the programmable digital filters are each seventh-order filters.
6. (Currently Amended) The codec circuit as claimed in claim 1, wherein the upper and lower signal transmission cut-off frequencies of the bandpass filter and the gradient of the bandpass filter flanks ~~can be~~ are set by means of the setting filter coefficients.
7. (Previously Presented) The codec circuit as claimed in claim 6, wherein the lower signal transmission cut-off frequency can be set by setting the setting filter coefficients of the digital high-pass filter.
8. (Previously Presented) The codec circuit as claimed in claim 6, wherein the upper signal transmission cut-off frequency can be set by setting the setting filter coefficients of the programmable digital low-pass filter.
9. (Previously Presented) The codec circuit as claimed in claim 1, wherein a frequency response correction filter is also provided, in order to compensate for the ripple in the bandpass filter characteristic in the passband.